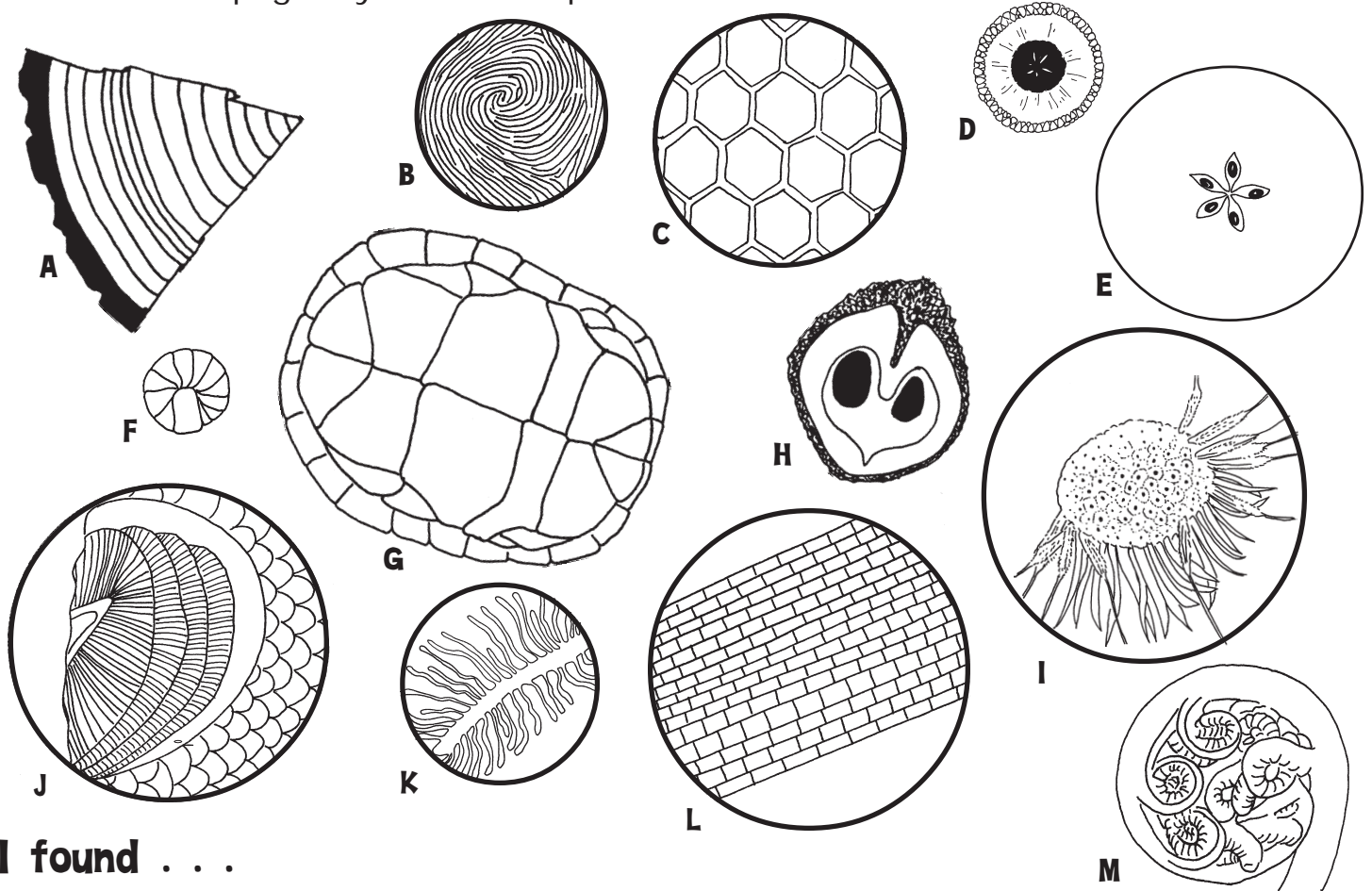


Discover Hidden Patterns

Take a nature walk. How many of these hidden patterns can you find? They start out easy and get hard! Use a magnifier if you have one. See the hints at the bottom of the page if you need help.

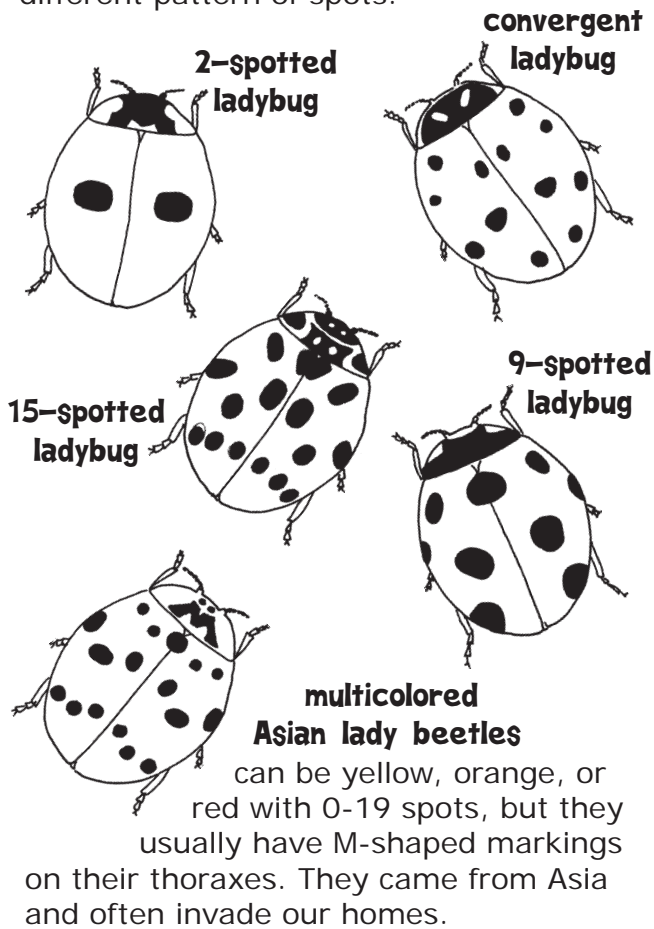


I found . . .

- | | | |
|----------|-------|---|
| A | _____ | Hint: Look at your firewood. |
| B | _____ | Hint: You don't have to leave your tent for this one. |
| C | _____ | Hint: Watch out! Don't look too close! |
| D | _____ | Hint: Look under the cap of an oak tree seed. |
| E | _____ | Hint: Cut a round red fruit in half. |
| F | _____ | Hint: Look under a rock or log. It's alive and small. |
| G | _____ | Hint: Check out a four-legged reptile. |
| H | _____ | Hint: Split a nut in half. |
| I | _____ | Hint: Blow away the fluffy white "wishes." |
| J | _____ | Hint: Ask an angler (person who fishes) for a peek. |
| K | _____ | Hint: Look under the bark of a dead tree. |
| L | _____ | Hint: Peek inside the leaf of a cattail. |
| M | _____ | Hint: Search in a fern forest in spring. |

Did you know?

Have you ever heard someone say that the number of spots on a ladybug tells the ladybug's age? Here's the real secret. Each species (kind) of ladybug has a different pattern of spots.



Take a picture

It's fun to take close-up pictures of things in nature. Here are some tricks photographers use to get interesting photos. Good luck!

- + **Lighting** – Take pictures in the morning and late afternoon instead of the middle of the day. Take pictures with the sun behind you or to your side so your subjects are well-lit.
- + **Subject** – Try to fill the whole picture with your subject. Try taking pictures lying on your back, looking upside-down between your legs, or sitting in a tree.
- + **Close-ups** – If your camera has a little flower symbol like this , use it to take close-up pictures.
- + **More tips** – Visit **BetterPhoto** for more tips <www.betterphoto.com/photography-for-kids.asp>

Answers to Hidden Patterns on page 6.

A. tree growth rings, B. fingerprint, C. honeycomb in a bee hive, D. acorn cap, E. center of apple, F. roly-poly or pill bug, G. turtle shell, H. black walnut, I. dandelion flowerhead, J. fish gills, K. bark beetle carving, L. inside of cattail leaf, M. riddlehead (fern frond before it unfolds).

Peek at nature

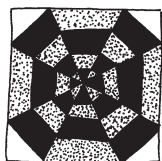
Find a piece of cardboard (the front of a cereal box is great) and poke a small hole (about 1/4") in the middle. Take a nature walk. Use the *Nature Peeker* to help you find patterns you might have missed. When you get back to camp, you can place the *Peeker* over photos in nature magazines. Move the hole around the photo. Can your family identify the things in the photos by only peeking at a small part at a time? Put the *Peeker* over natural objects. Who has the best imagination in your family?

Here's what I did!

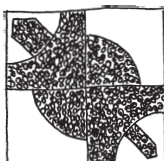
- ☐ I went on a nature walk and found _____ patterns.
- ☐ I took a close-up nature photograph.
- ☐ I pieced together a nature quilt.
- ☐ I peeked at nature through my *Nature Peeker*.
- ☐ My favorite nature pattern is . . .

Piece together a nature quilt

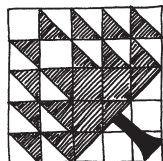
Quilters design quilts with their favorite patterns. You can make a nature quilt on this page by choosing some of the patterns below or creating your own patterns. Choose things that you like, then think of ways to show them in a quilt square. You can put a different pattern in each square or make them all the same.



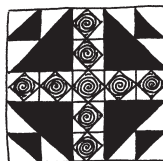
spider web



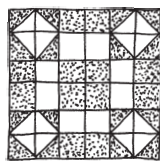
turtle



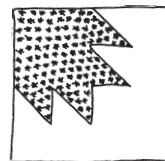
pine tree



bird's nest



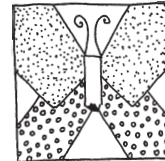
rolling stone



bear tracks



streak of lightning



butterfly
